Sl. No.	Name of the States/UTs
13.	Uttar Pradesh (UPPCL)
14.	Uttaranchal (UPCL)
15.	West Bengal
16.	Goa
17.	Manipur
18.	Mizoram
19.	Sikkim
20.	Tripura
21.	A & N Islands
22.	Chandigarh
23.	Dadra & Nagar Haveli
24.	Daman & Diu
25.	NCT of Delhi
26.	Lakshadweep
27.	Pondicherry

Demand and Supply of power in the Southern States

35. SHRI M.A.M. RAMASWAMY: Will the Minister of POWER be pleased to state:

(a) the State-wise demand and supply of power in the Southern States;

(b) the existing power generation capacity of these States, plant-wise;

(c) whether the Central Government propose to enhance the power supply to these States;

(d) if so, the details thereof; and

(e) if not, the steps taken by the Central Goverment to maintain a healthy balance between the demand and supply of power in these States, particularly in Karnataka?

THE MINISTER OF POWER (SHRI P.M. SAYEED): (a) State-wise power supply position in Southern Region during April-October, 2004 is

given below:

States	Energy(MU)				Peak(MW)			
	Require-ment	Availa-bility	Deficit	Deficit (%)	Peak Demand	Peak Met	Deficit	Deficit (%)
Andhra Pradesh	29001	28934	67	0.2	7957	7843	114	1.4
Karnataka	19127	18209	918	4.8	5927	5360	567	9.6
Kerala	7192	7117	75	1.0	2427	2292	135	5.6
Tamil Nadu	27152	27094	58	0.2	7365	7275	90	1.2
Pondicherry	911	911	0	0.0	230	230	0	0.0
Southern States	83383	82265	1118	1.3	23075	21928	1147	5.0

(b) State-wise/Power plant-wise generation capacity in Southern Region is given in Statement. (*See* below)

(c) to (e) Electricity being a concurrent subject, supply and distribution of electricity in a State is the responsibility of the State Government/ State power utility concerned. While Government of India supplements the efforts of the State Government by setting up power plants through central public sector undertakings in central sector in which the States have entitlements. The following steps are, however, being taken to improve generation and availability of power in the country including Southern Region:

(i) A capacity addition of 41,110 MW has been targeted for 10th Five Year Plan in the country out of which 7,376 MW (2140 MW in Central Sector, 2582 MW in State Sector and 2654 MW in Private Sector) is in the Southern Region including 1297 MW in Karnataka (1000 MW in State Sector and 297 MW in Private Sector).

NTPC is implementing Talcher STPS Stage-II with an installed capacity of 2000 MW in Eastern Region which is dedicated to Southern States. Three units of 500 MW each have already been commissioned and the Southern States are getting benefits. The 4th unit (500 MW) is expected to be synchronized in December, 2004/January, 2005.

(ii) Early stabilization of newly commissioned units and overall increase in PLF of thermal units.

(iii) Creation of a robust National Grid for optimum utilization of generation capacity and inter-regional transmission of power.

(iv) To bring about reforms in distribution, Government of India has implemented the Accelerated Power Development and Reforms Programmes (APDRP) for upgradation of sub-transmission and distribution systems in States as a major step towards reduction of aggregate transmission and commercial losses and attaining commercial viability of the power sector. Funds are being provided to States for undertaking schemes for sub-transmission and distribution systems under the APDRP.

(v) Demand side management, energy efficiency and conservation measures.

(vi) Distribution of loans with interest subsidy by the Power Finance Corporation for renovation and modernization of old and inefficient generating units.

(vii) Exploitation of hydro potential at a faster pace - Implementation of projects identified under 50,000 MW hydro initiative in a phased manner.

Statement

State-wise/Power plant-wise generation capacity (State+Private+Central Sector) in Southern Region as on 22.11.04:

Sl. No.	State/UT	Power Station	Type	Capacity (MW)
1	2	3	4	5
1.	AP	K'Gudem	TC	680
2.	AP	K'Gudem New	TC	500
3.	AP	Vijaywada	TC	1260
4.	AP	R'Gundem-B	TC	62.5
5.	AP	Nellore	TC	30
6.	AP	Rayal Seema	TC	420

1	2	3	4	5
7.	AP	Machkund	H	114.7
8.	AP	Upper Sileru	H	240
9.	AP	Lower Sileru	H	460
10.	AP	T.B. Dam	H	36
11.	AP	Hampi	H	36
12.	AP	Nagarjuna Sagar	H	810
13.	AP	N'Sagar RBC	H	90
14.	AP	N' Sagar LBC	H	60
15.	AP	Donkarayi	H	25
16.	AP	Srisailam	H	770
17.	AP	Srisailam LB	H	900
18.	AP	Pochampad	H	27
19.	AP	Nizam Sagar	H	10
20.	AP	Penna Ahobelam	H	20
21.	AP	Singur	H	15
22.	AP	Small Hydro	H	30
23.	AP	Vijeswaran GT	TG	272.3
24.	AP	Peddapuram CCGT	TG	220
25.	AP	Jegurupadu GT	TG	235.4
26.	AP	Kondapalli GT	TG	350
27.	AP	LVS Power DG	TD	36.8
28.	AP	Godavari GT	TG	208
29.	AP	R'Gundem STPS	TC	2600
30.	AP	Simhadri	TC	1000
31.	KER	Bramhapuram DG	TD	106.5
32.	KER	Kojikode DG	TD	128.8
33.	KER	Kuttiadi	H	125
34.	KER	Idukki	H	780
35.	KER	Sabarigiri	H	300
36.	KER	Idamalayar	H	75
37.	Ker	Kakkad	H	50

1	2	3	4	5
38.	Ker	Sholayar	H	54
39.	Ker	Sengulam	H	48
40.	Ker	Narimanglam	H	45
41.	Ker	Pallivasal	H	37.5
42.	Ker	Poringalkuttu	H	32
43.	Ker	Poringalkuttul	H	16
44.	Ker	Panniar	H	30
45.	Ker	Kallada	H	15
46.	Ker	Lower Periyar	H	180
47.	Ker	Malankara	H	10.5
48.	Ker	Chembukadavu	H	6.5
49.	Ker	Urumi	H	6.2
50.	Ker	Peppara	H	3
51.	Ker	Madhupatty	H	2
52.	Ker	Other Hydro	H	5
53.	Ker	Cochin CCGT	TG	174
54.	Ker	Kasargode DG	TD	21.9
55.	Ker	Maniyar	H	10
56.	Ker	Kuthungal	H	21
57.	Ker	Kayam Kulam GT	TG	350
58.	Kar	Raichur	TC	1470
59.	Kar	Sharavathy	H	891
60.	Kar	Kadra	H	150
61.	Kar	Kodasali	H	120
62.	Kar	Kalinadi	H	810
63.	Kar	Kalinadi Supa	H	100
64.	Kar	Liganamakki	H	55
65.	Kar	Varahi	H	230
66.	Kar	Bhadra	H	33.4
67.	Kar	Ghat Prabha	H	32
68.	Kar	Mani DPH	H	9

1	2	3	4	5
69.	Kar	Mallarpur	H	9
70.	Kar	Gerusuppa	H	240
71.	Kar	Almatti DPH	H	15
72.	Kar	Yelhnka (DG)	TD	120
73.	Kar	Jog	H	120
74.	Kar	Sivasamundrum	H	42
75.	Kar	Shimsapura	H	17.2
76.	Kar	Munirabad	H	27
77.	Kar	Bellary DG	TD	25.2
78.	Kar	Tanir Bavi	TG	220
79.	Kar	Torangallu IMP	TC	260
80.	Kar	Belgaum DG	TD	81.3
81.	Kar	Shivpura	H	18
82.	Kar	Shahpur	H	6.6
83.	Kar	Harangi	H	9
84.	Kar	Madhavamantri	H	3
85.	Kar	Narayanpur	H	6.6
86.	Kar	Kaiga	N	440
87.	TN	Ennore	TC	450
88.	TN	Tuticorin	TC	1050
89.	TN	Mettur	TC	840
90.	TN	North Chennai	TC	630
91.	TN	Basin Bridge GT	TG	120
92.	TN	Nariman GT	TG	10
93.	TN	Valuthur GT	TG	95
94.	TN	Kuttalam GT	TG	100
95.	TN	Kovilkalappal	TG	107
96.	TN	Pykara	H	70
97.	TN	Pykara Dam	H	2
98.	TN	Moyar	H	36
99.	TN	Kundah	H	555

1	2	3	4	5
100.	TN	Mettur Dam	H	40
101.	TN	Mettur Tunnel	H	200
102.	TN	Periyar	H	140
103.	TN	Kodayar	H	100
104.	TN	Sholayar	H	95
105.	TN	Aliyar	H	60
106.	TN	Sarkarpathy	H	30
107.	TN	Papanasam	H	28
108.	TN	Suruliyar	H	35
109.	TN	Servalar	H	20
110.	TN	Lower Mettur	H	120
111.	TN	Kadampari	H	400
112.	TN	Vaigai	H	6
113.	TN	Lower Bhavani	H	16
114.	TN	Sathnur Dam	H	7.5
115.	TN	Parsen's Valley	H	30
116.	TN	Samayanallur DG	TD	106
117.	TN	Neyveli TPS(Z)	TC	250
118.	TN	P. Nallur CCGT	TG	330.5
119.	TN	Valantharvi GT	TG	52.80
120.	TN	Karuppur GT	TG	119.80
121.	TN	Samalpatti DG	TD	105.7
122.	TN	B. Bridge D.G.	TD	200
123.	TN	Neyveli ST I	TC	600
124.	TN	Neyveli ST II	TC	1470
125.	TN	Neyveli Fst Ext	TC	420
126.	TN	M.A.P.P.	N	340
127.	Pondi.	Karaikal	TG	32.5
128.	L'Deep	Minicoy DG	TD	1.80
129.	L'Deep	Kavaratti DG	TD	1.80
130.	L'Deep	Amini DG	TD	1.00

1	2	3	4	5
131.	L'Deep	Kalpeni DG	TD	1.10
132.	L'Deep	Agatty DG	TD	1.10
133.	L'Deep	Androt DG	TD	1.30
134.	L'Deep	Kadmat DG	TD	0.80
135.	L'Deep	Kiltan DG	TD	0.50
136.	L'Deep	Chetlat DT	TD	0.40
137.	L'Deep	Bitra DG	TD	0.10
138.	L'Deep	Bangaram DG	TD	0.10

TYPE

TC- Coal Based Stn
TG- Gas Based Stn
TD- Liquid Fuel Based Stn
H- Hydel Power Stn
N- Nuclear Power Stn
AP- Andhra Pradesh
Ker- Kerala
Kar- Karnataka
Pondi- Pondicherry
L'Deep- Lakshdweep

Setting up of Biodiesel or Solar Energy Based Plant

†36. SHRI MOTILAL VORA: Will the Minister of POWER be pleased to state:

(a) whether any suggestion for making a cut of 19 thousand MW in transmission and distribution in three years and setting up of a biodiesel or solar energy based plant of 500 MW has been submitted to the Government;

(b) if so, Government's viewpoint thereon; and

(c) by when Government would take requisite steps in this direction?

† Original notice of the question was received in Hindi.